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His Ile Ser Tyr Pro Pro Leu His  
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His Ile Ser Tyr Pro Pro Leu His Glu Arg  
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His Thr Leu Lys Ile Gly Gly Glu Pro His  
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<400> 1709

Ile Phe Ser Lys Ala Ser Glu Tyr  
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<400> 1710

Ile Gly Gly Glu Pro His Ile Ser Tyr  
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Ile Leu Val Thr Cys Leu Gly Leu Ser Tyr  
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Ile Ser Arg Lys Met Val Glu Leu Val His  
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Ile Ser Tyr Pro Pro Leu His Glu Arg  
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Lys Ala Glu Met Leu Glu Ser Val Leu Arg  
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Lys Ile Gly Gly Glu Pro His Ile Ser Tyr  
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<400> 1738

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Thr Leu Lys Ile Gly Gly Glu Pro His  
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Thr Ser Tyr Val Lys Val Leu His  
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Val Ile Phe Ser Lys Ala Ser Glu Tyr  
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<400> 1760

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Val Val Glu Val Val Pro Ile Ser His Leu Tyr  
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<400> 1763

Val Val Pro Ile Ser His Leu Tyr  
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Glu Leu Val His Phe Leu Leu Leu Lys Tyr  
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Glu Thr Ser Tyr Val Lys Val Leu His  
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Glu Thr Ser Tyr Val Lys Val Leu His His  
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Gly Ala Ser Ser Leu Pro Thr Thr Met Asn Tyr  
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Gly Ser Val Val Gly Asn Trp Gln Tyr  
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His Phe Val Gln Glu Asn Tyr Leu Glu Tyr  
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His Phe Val Gln Glu Asn Tyr Leu Glu Tyr Arg  
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His Ile Ser Tyr Pro Pro Leu His  
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His Met Val Lys Ile Ser Gly Gly Pro His  
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Ile Ile Val Leu Ala Ile Ile Ala Arg  
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<400> 1810

Ile Ser Gly Gly Pro His Ile Ser Tyr  
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<400> 1811

Ile Val Leu Ala Ile Ile Ala Arg  
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Leu Thr Gln His Phe Val Gln Glu Asn Tyr  
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Leu Val Glu Thr Ser Tyr Val Lys  
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<210> 1828

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Leu Val Glu Thr Ser Tyr Val Lys Val Leu His  
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<400> 1829

Leu Val His Phe Leu Leu Leu Lys  
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<400> 1830

Leu Val His Phe Leu Leu Leu Lys Tyr  
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<210> 1831

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<400> 1831

Leu Val His Phe Leu Leu Leu Lys Tyr Arg  
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<400> 1832

Met Leu Gly Ser Val Val Gly Asn Trp Gln Tyr  
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<400> 1833

Met Asn Tyr Pro Leu Trp Ser Gln Ser Tyr  
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<400> 1834

Met Val Lys Ile Ser Gly Gly Pro His  
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Pro Ala Cys Tyr Glu Phe Leu Trp Gly Pro Arg  
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Pro Leu Glu Gln Arg Ser Gln His  
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Pro Leu Glu Gln Arg Ser Gln His Cys Lys  
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Pro Leu His Glu Trp Val Leu Arg  
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Arg Ala Leu Val Glu Thr Ser Tyr  
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Arg Ala Leu Val Glu Thr Ser Tyr Val Lys  
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Arg Ala Arg Glu Pro Val Thr Lys  
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Ser Gly Gly Pro His Ile Ser Tyr  
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Ser Ile Leu Gly Asp Pro Lys Lys

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Ser Leu Pro Thr Thr Met Asn Tyr  
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Ser Ser Leu Pro Thr Thr Met Asn Tyr  
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Ser Val Leu Glu Val Phe Glu Gly Arg  
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Thr Ser Tyr Val Lys Val Leu His  
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Thr Ser Tyr Val Lys Val Leu His His  
1 5

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Val Asp Pro Ile Gly His Leu Tyr  
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Val Leu Glu Val Phe Glu Gly Arg  
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<210> 1856

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Trp Gly Pro Arg Ala Leu Val Glu Thr Ser Tyr  
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Tyr Phe Phe Pro Val Ile Phe Ser Lys  
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<210> 1858

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Tyr Ile Phe Ala Thr Cys Leu Gly Leu Ser Tyr  
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<210> 1859

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Tyr Val Lys Val Leu His His Met Val Lys  
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<210> 1860

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Glu Phe Leu Trp Gly Pro Arg Ala Leu Ile  
1 5 10

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Glu Tyr Leu Gln Leu Val Phe Gly Ile  
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Ile Phe Ser Lys Ala Ser Glu Tyr Leu  
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Ile Phe Ser Lys Ala Ser Glu Tyr Leu Gln Leu  
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Ile Trp Glu Glu Leu Ser Met Leu  
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Lys Met Val Glu Leu Val His Phe Leu

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Lys Met Val Glu Leu Val His Phe Leu Leu  
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Lys Met Val Glu Leu Val His Phe Leu Leu Leu  
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Leu Met Gln Asp Leu Val Gln Glu Asn Tyr Leu  
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Leu Trp Gly Pro Arg Ala Leu Ile  
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Leu Tyr Ile Leu Val Thr Cys Leu  
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<400> 1875  
Leu Tyr Ile Leu Val Thr Cys Leu Gly Leu  
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<210> 1876  
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<400> 1876  
Met Phe Pro Asp Leu Glu Ser Glu Phe  
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<400> 1877  
Arg Met Phe Pro Asp Leu Glu Ser Glu Phe  
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<210> 1878  
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<400> 1878  
Ser Phe Ser Thr Thr Ile Asn Tyr Thr Leu  
1 5 10

<210> 1879  
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<400> 1879

Ser Phe Ser Thr Thr Ile Asn Tyr Thr Leu Trp  
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<210> 1880

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<400> 1880

Ser Tyr Pro Pro Leu His Glu Arg Ala Leu  
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<210> 1881

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Ser Tyr Val Lys Val Leu His His Thr Leu  
1 5 10

<210> 1882

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<400> 1882

Val Phe Ala His Pro Arg Lys Leu  
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<400> 1883

Val Phe Ala His Pro Arg Lys Leu Leu  
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<400> 1884  
Val Phe Glu Gly Arg Glu Asp Ser Val Phe  
1 5 10

<210> 1885  
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<400> 1885  
Val Met Pro Lys Thr Gly Leu Leu  
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<210> 1886  
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<400> 1886  
Val Met Pro Lys Thr Gly Leu Leu Ile  
1 5

<210> 1887  
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<400> 1887  
Val Met Pro Lys Thr Gly Leu Leu Ile Ile  
1 5 10

<210> 1888  
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<400> 1888  
Cys Tyr Glu Phe Leu Trp Gly Pro Arg Ala Leu  
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<220>  
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<400> 1889  
Glu Phe Leu Trp Gly Pro Arg Ala Leu  
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Leu Tyr Ile Phe Ala Thr Cys Leu Gly Leu  
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Asn Trp Gln Tyr Phe Phe Pro Val Ile  
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Asn Trp Gln Tyr Phe Phe Pro Val Ile Phe  
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Gln Tyr Phe Phe Pro Val Ile Phe  
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Ser Tyr Asp Gly Leu Leu Gly Asp Asn Gln Ile  
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Ser Tyr Pro Pro Leu His Glu Trp Val Leu  
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Thr Phe Pro Asp Leu Glu Ser Glu Phe  
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Val Phe Glu Gly Arg Glu Asp Ser Ile  
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<400> 1912  
Val Phe Glu Gly Arg Glu Asp Ser Ile Leu  
1 5 10

<210> 1913  
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Ala Leu Gly Leu Val Gly Ala Gln Ala Pro Ala Thr Glu Glu Gln  
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<400> 1914  
Cys Leu Gly Leu Ser Tyr Asp Gly Leu Leu Gly Asp Asn Gln Val  
1 5 10 15

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Asp Gly Leu Leu Gly Asp Asn Gln Val Met Pro Lys Thr Gly Leu  
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<400> 1916  
Glu Glu Lys Ile Trp Glu Glu Leu Ser Met Leu Glu Val Phe Glu  
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<400> 1917  
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<400> 1918  
Glu Lys Ile Trp Glu Glu Leu Ser Met Leu Glu Val Phe Glu Gly  
1 5 10 15

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<400> 1919  
Glu Asn Tyr Leu Glu Tyr Arg Gln Val Pro Gly Ser Asp Pro Ala  
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<400> 1920  
Glu Pro His Ile Ser Tyr Pro Pro Leu His Glu Arg Ala Leu Arg  
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<400> 1921  
Glu Ser Glu Phe Gln Ala Ala Ile Ser Arg Lys Met Val Glu Leu  
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<400> 1922

Glu	Val	Thr	Leu	Gly	Glu	Val	Pro	Ala	Ala	Asp	Ser	Pro	Ser	Pro
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<210> 1923

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Phe	Phe	Pro	Val	Ile	Phe	Ser	Lys	Ala	Ser	Glu	Tyr	Leu	Gln	Leu
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<210> 1924

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<400> 1924

Phe	Pro	Val	Ile	Phe	Ser	Lys	Ala	Ser	Glu	Tyr	Leu	Gln	Leu	Val
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<210> 1925

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<400> 1925

Gly	Glu	Ala	Leu	Gly	Leu	Val	Gly	Ala	Gln	Ala	Pro	Ala	Thr	Glu
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<210> 1926

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<400> 1926

Gly	Ile	Glu	Val	Val	Glu	Val	Val	Pro	Ile	Ser	His	Leu	Tyr	Ile
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<210> 1927

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<400> 1927

Gly	Leu	Leu	Ile	Ile	Val	Leu	Ala	Ile	Ile	Ala	Ile	Glu	Gly	Asp
1				5					10					15

<210> 1928

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<400> 1928

His	Phe	Leu	Leu	Leu	Lys	Tyr	Arg	Ala	Arg	Glu	Pro	Val	Thr	Lys
1				5					10					15

<210> 1929

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<400> 1929

His	Leu	Tyr	Ile	Leu	Val	Thr	Cys	Leu	Gly	Leu	Ser	Tyr	Asp	Gly
1				5					10					15

<210> 1930

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<400> 1930

Ile	Glu	Val	Val	Glu	Val	Val	Pro	Ile	Ser	His	Leu	Tyr	Ile	Leu
1				5					10					15

<210> 1931

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<400> 1931

Ile	Ile	Ala	Ile	Glu	Gly	Asp	Cys	Ala	Pro	Glu	Glu	Lys	Ile	Trp
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<210> 1932

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<400> 1932  
Ile Ile Val Leu Ala Ile Ile Ala Ile Glu Gly Asp Cys Ala Pro  
1 5 10 15

<210> 1933  
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<400> 1933  
Ile Ser His Leu Tyr Ile Leu Val Thr Cys Leu Gly Leu Ser Tyr  
1 5 10 15

<210> 1934  
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<400> 1934  
Lys Ala Glu Met Leu Glu Ser Val Leu Arg Asn Cys Gln Asp Phe  
1 5 10 15

<210> 1935  
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<400> 1935  
Lys Thr Gly Leu Leu Ile Ile Val Leu Ala Ile Ile Ala Ile Glu  
1 5 10 15

<210> 1936  
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<212> PRT  
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<400> 1936  
Leu Gly Glu Val Pro Ala Ala Asp Ser Pro Ser Pro Pro His Ser  
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<400> 1937  
Leu Gly Leu Val Gly Ala Gln Ala Pro Ala Thr Glu Glu Gln Gln  
1 5 10 15

<210> 1938  
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<400> 1938  
Leu Ile Ile Val Leu Ala Ile Ile Ala Ile Glu Gly Asp Cys Ala  
1 5 10 15

<210> 1939  
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<400> 1939  
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1 5 10 15

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<212> PRT  
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<400> 1940  
Leu Leu Lys Tyr Arg Ala Arg Glu Pro Val Thr Lys Ala Glu Met  
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<400> 1941  
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1 5 10 15

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<212> PRT  
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<400> 1942  
Leu Val Glu Val Thr Leu Gly Glu Val Pro Ala Ala Asp Ser Pro  
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<210> 1943  
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<400> 1943  
Met Val Glu Leu Val His Phe Leu Leu Leu Lys Tyr Arg Ala Arg  
1 5 10 15

<210> 1944  
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<400> 1944  
Asn Gln Val Met Pro Lys Thr Gly Leu Leu Ile Ile Val Leu Ala  
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<210> 1945  
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<212> PRT  
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<400> 1945  
Pro Arg Lys Leu Leu Met Gln Asp Leu Val Gln Glu Asn Tyr Leu  
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<210> 1946  
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<400> 1946

Pro	Arg	Met	Phe	Pro	Asp	Leu	Glu	Ser	Glu	Phe	Gln	Ala	Ala	Ile
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<210> 1947

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Gln	Ala	Ala	Ile	Ser	Arg	Lys	Met	Val	Glu	Leu	Val	His	Phe	Leu
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<210> 1948

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<212> PRT

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<400> 1948

Gln	Asp	Phe	Phe	Pro	Val	Ile	Phe	Ser	Lys	Ala	Ser	Glu	Tyr	Leu
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<210> 1949

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<212> PRT

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<400> 1949

Gln	Asp	Leu	Val	Gln	Glu	Asn	Tyr	Leu	Glu	Tyr	Arg	Gln	Val	Pro
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<210> 1950

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<212> PRT

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Gln	Leu	Val	Phe	Gly	Ile	Glu	Val	Val	Glu	Val	Val	Pro	Ile	Ser
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<210> 1951

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Arg	Ala	Leu	Ile	Glu	Thr	Ser	Tyr	Val	Lys	Val	Leu	His	His	Thr
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<210> 1952

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<212> PRT

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<400> 1952

Arg	Glu	Pro	Val	Thr	Lys	Ala	Glu	Met	Leu	Glu	Ser	Val	Leu	Arg
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<210> 1953

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<212> PRT

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<400> 1953

Arg	Lys	Leu	Leu	Met	Gln	Asp	Leu	Val	Gln	Glu	Asn	Tyr	Leu	Glu
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<210> 1954

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<212> PRT

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<400> 1954

Ser	His	Leu	Tyr	Ile	Leu	Val	Thr	Cys	Leu	Gly	Leu	Ser	Tyr	Asp
1				5					10					15

<210> 1955

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<212> PRT

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<400> 1955

Ser	Ser	Thr	Leu	Val	Glu	Val	Thr	Leu	Gly	Glu	Val	Pro	Ala	Ala
1				5					10					15

<210> 1956

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<212> PRT  
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<400> 1956  
Thr Gly Leu Leu Ile Ile Val Leu Ala Ile Ile Ala Ile Glu Gly  
1 5 10 15

<210> 1957  
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<212> PRT  
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<400> 1957  
Val Glu Leu Val His Phe Leu Leu Leu Lys Tyr Arg Ala Arg Glu  
1 5 10 15

<210> 1958  
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<212> PRT  
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<400> 1958  
Val Glu Val Val Pro Ile Ser His Leu Tyr Ile Leu Val Thr Cys  
1 5 10 15

<210> 1959  
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<212> PRT  
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<400> 1959  
Val Phe Gly Ile Glu Val Val Glu Val Val Pro Ile Ser His Leu  
1 5 10 15

<210> 1960  
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<400> 1960  
Val Val Pro Ile Ser His Leu Tyr Ile Leu Val Thr Cys Leu Gly  
1 5 10 15

<210> 1961  
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<212> PRT  
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<220>  
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<400> 1961  
Trp Glu Glu Leu Ser Met Leu Glu Val Phe Glu Gly Arg Glu Asp  
1 5 10 15

<210> 1962  
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<212> PRT  
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<400> 1962  
Tyr Glu Phe Leu Trp Gly Pro Arg Ala Leu Ile Glu Thr Ser Tyr  
1 5 10 15

<210> 1963  
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<212> PRT  
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<220>  
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<400> 1963  
Tyr Ile Leu Val Thr Cys Leu Gly Leu Ser Tyr Asp Gly Leu Leu  
1 5 10 15

<210> 1964  
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<212> PRT  
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<220>  
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<400> 1964  
Tyr Pro Pro Leu His Glu Arg Ala Leu Arg Glu Gly Glu Glu  
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<210> 1965  
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<212> PRT  
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<400> 1965  
Tyr Arg Gln Val Pro Gly Ser Asp Pro Ala Cys Tyr Glu Phe Leu

1 5 10 15

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<212> PRT  
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<220>  
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<400> 1966  
Tyr Val Lys Val Leu His His Thr Leu Lys Ile Gly Gly Glu Pro  
1 5 10 15

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<212> PRT  
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<220>  
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<400> 1967  
Ala Glu Leu Val His Phe Leu Leu Leu Lys Tyr Arg Ala Arg Glu  
1 5 10 15

<210> 1968  
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<220>  
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<400> 1968  
Ala Gly Leu Leu Ile Ile Val Leu Ala Ile Ile Ala Arg Glu Gly  
1 5 10 15

<210> 1969  
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<220>  
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<400> 1969  
Ala Leu Gly Leu Val Gly Ala Gln Ala Pro Ala Thr Glu Glu Gln  
1 5 10 15

<210> 1970  
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<220>  
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Cys	Leu	Gly	Leu	Ser	Tyr	Asp	Gly	Leu	Leu	Gly	Asp	Asn	Gln	Ile
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Asp	Gly	Leu	Leu	Gly	Asp	Asn	Gln	Ile	Met	Pro	Lys	Ala	Gly	Leu
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<210> 1972

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<400> 1972

Glu	Glu	Lys	Ile	Trp	Glu	Glu	Leu	Ser	Val	Leu	Glu	Val	Phe	Glu
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<210> 1973

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<400> 1973

Glu	Phe	Leu	Trp	Gly	Pro	Arg	Ala	Leu	Val	Glu	Thr	Ser	Tyr	Val
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<210> 1974

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<212> PRT

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<400> 1974

Glu	Lys	Ile	Trp	Glu	Glu	Leu	Ser	Val	Leu	Glu	Val	Phe	Glu	Gly
1				5					10					15

<210> 1975

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<400> 1975

Glu	Asn	Tyr	Leu	Glu	Tyr	Arg	Gln	Val	Pro	Gly	Ser	Asp	Pro	Ala
1				5					10					15

<210> 1976

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<400> 1976

Glu	Ser	Glu	Phe	Gln	Ala	Ala	Leu	Ser	Arg	Lys	Val	Ala	Glu	Leu
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<210> 1977

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<400> 1977

Glu	Val	Thr	Leu	Gly	Glu	Val	Pro	Ala	Ala	Glu	Ser	Pro	Asp	Pro
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<210> 1978

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<400> 1978

Phe	Phe	Pro	Val	Ile	Phe	Ser	Lys	Ala	Ser	Ser	Ser	Leu	Gln	Leu
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<400> 1979

Phe	Pro	Val	Ile	Phe	Ser	Lys	Ala	Ser	Ser	Ser	Leu	Gln	Leu	Val
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<210> 1980

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<400> 1980  
Gly Glu Ala Leu Gly Leu Val Gly Ala Gln Ala Pro Ala Thr Glu  
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<210> 1981  
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<220>  
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<400> 1981  
Gly His Leu Tyr Ile Phe Ala Thr Cys Leu Gly Leu Ser Tyr Asp  
1 5 10 15

<210> 1982  
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<212> PRT  
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<220>  
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<400> 1982  
Gly Ile Glu Leu Met Glu Val Asp Pro Ile Gly His Leu Tyr Ile  
1 5 10 15

<210> 1983  
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<212> PRT  
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<220>  
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<400> 1983  
Gly Leu Leu Ile Ile Val Leu Ala Ile Ile Ala Arg Glu Gly Asp  
1 5 10 15

<210> 1984  
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<212> PRT  
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<220>  
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<400> 1984  
Gly Pro His Ile Ser Tyr Pro Pro Leu His Glu Trp Val Leu Arg  
1 5 10 15

<210> 1985  
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<212> PRT  
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<220>  
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<400> 1985  
His Phe Leu Leu Lys Tyr Arg Ala Arg Glu Pro Val Thr Lys  
1 5 10 15

<210> 1986  
<211> 15  
<212> PRT  
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<220>  
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<400> 1986  
His Leu Tyr Ile Phe Ala Thr Cys Leu Gly Leu Ser Tyr Asp Gly  
1 5 10 15

<210> 1987  
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<400> 2018

Tyr Val Lys Val Leu His His Met Val Lys Ile Ser Gly Gly Pro  
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Cys Leu Gly Leu Ser Tyr Asp Gly Leu Leu Gly Asp Asn Gln Val  
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<400> 2020

Glu Glu Lys Ile Trp Glu Glu Leu Ser Met Leu Glu Val Phe Glu  
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Gly Pro Arg Met Phe Pro Asp Leu Glu Ser Glu Phe Gln Ala Ala  
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<400> 2023

Ile Ile Ala Ile Glu Gly Asp Cys Ala Pro Glu Glu Lys Ile Trp  
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<400> 2024

Leu Ala Ile Ile Ala Ile Glu Gly Asp Cys Ala Pro Glu Glu Lys  
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Met Gln Asp Leu Val Gln Glu Asn Tyr Leu Glu Tyr Arg Gln Val  
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<400> 2026

Gln Leu Val Phe Gly Ile Glu Val Val Glu Val Val Pro Ile Ser  
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<400> 2027

Arg Lys Leu Leu Met Gln Asp Leu Val Gln Glu Asn Tyr Leu Glu  
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<400> 2028  
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Cys Leu Gly Leu Ser Tyr Asp Gly Leu Leu Gly Asp Asn Gln Ile  
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Glu Phe Gln Ala Ala Leu Ser Arg Lys Val Ala Glu Leu Val His  
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Met Pro Leu Glu Gln Arg Ser Gln His Cys Lys Pro  
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Leu Val Gly Ala Gln Ala Pro Ala Thr  
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<400> 2045

Leu Ser Tyr Asp Gly Leu Leu Gly Asp  
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Leu Gly Asp Asn Gln Val Met Pro Lys  
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Ile Trp Glu Glu Leu Ser Met Leu Glu  
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Trp Gly Pro Arg Ala Leu Ile Glu Thr  
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Trp Glu Glu Leu Ser Met Leu Glu Val  
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Leu Ala Ile Ile Ala Ile Glu Gly Asp

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Leu Tyr Ile Leu Val Thr Cys Leu Gly

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Met Leu Glu Ser Val Leu Arg Asn Cys

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Tyr Arg Ala Arg Glu Pro Val Thr Lys  
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<210> 2072

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Val Phe Gly Ile Glu Val Val Glu Val  
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Val Thr Leu Gly Glu Val Pro Ala Ala  
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<210> 2074

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Leu Val His Phe Leu Leu Leu Lys Tyr  
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<400> 2075

Met Pro Lys Thr Gly Leu Leu Ile Ile  
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<210> 2077  
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<400> 2078  
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Leu Val Glu Val Thr Leu Gly Glu Val  
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Val His Phe Leu Leu Leu Lys Tyr Arg  
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Asp Ile Glu Lys Lys Ile Ala Lys Met Glu Lys Ala Ser Ser Val Phe  
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Gly Ala Val Asp Ser Ile Leu Gly Gly Val Ala Thr Tyr Gly Ala Ala  
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Lys Leu Ala Glu Leu Val His Phe Leu  
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Lys Met Ala Glu Leu Val His Phe Leu  
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Ser Val Phe Ser Thr Thr Ile Asn Arg  
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Thr Val Ile Asn Tyr Thr Leu Trp Lys  
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Ile Phe Ser Lys Ala Ser Glu Tyr Leu Gln Leu  
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Val Tyr Pro Lys Thr Gly Leu Leu Phe  
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Asn Tyr Gln Tyr Phe Phe Pro Val Phe  
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Ile Tyr Ser Lys Ala Ser Ser Ser Phe  
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Val Tyr Pro Lys Thr Gly Leu Leu Ile Phe  
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Glu Tyr Leu Trp Gly Pro Arg Ala Leu Phe  
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Lys Met Val Glu Leu Val His Phe Leu Leu Leu

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Lys Ala Ser Glu Tyr Leu Gln Leu Val

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<400> 2280

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Ile Met Pro Lys Ala Gly Leu Leu Ile Ile Val  
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Lys Ile Trp Glu Glu Leu Ser Val Leu  
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Phe Leu Trp Gly Pro Arg Ala Leu Val  
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Tyr Thr Ala Val Val Pro Leu Val Tyr  
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Phe Leu Pro Ser Asp Tyr Phe Pro Ser Val  
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Phe Leu Pro Ser Asp Tyr Phe Pro Ser Val  
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Lys Val Phe Pro Tyr Ala Leu Ile Asn Lys  
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Lys Val Phe Pro Tyr Ala Leu Ile Asn Lys  
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Phe Thr Gln Ala Gly Tyr Pro Ala Leu  
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Ala Pro Arg Thr Leu Val Tyr Leu Leu  
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Phe Leu Lys Asp Tyr Gln Leu Leu  
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Phe Arg Tyr Asn Gly Leu Ile His Arg  
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Phe Pro Phe Lys Tyr Ala Ala Ala Phe  
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Phe Pro Phe Lys Tyr Ala Ala Ala Phe  
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Phe Pro Phe Lys Tyr Ala Ala Ala Phe  
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Phe Pro Phe Lys Tyr Ala Ala Ala Phe  
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Tyr Arg His Asp Gly Gly Asn Val Leu  
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Cys Leu Gly Leu Ser Tyr Asp Gly Leu Leu Gly Asp Asn Gln Ile  
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Tyr Asp Gly Leu Leu Gly Asp Asn Gln Ile Met Pro Lys Ala Gly  
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Thr	Gln	His	Phe	Val	Gln	Glu	Asn	Tyr	Leu	Glu	Tyr	Arg	Gln	Val
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Glu Asp Ser Ile Leu Gly Asp Pro Lys Lys Leu Leu Thr Gln His  
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